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RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/074,668

DATE: 03/01/2002

TIME: 13:34:37

Input Set : A:\new SEQUENCE LISTING in TEXT.txt

Output Set: N:\CRF3\03012002\J074668.raw

3 <110> APPLICANT: Vogels, Ronald
4 Bout, Abraham
5 van Es, Helmuth
6 Schouten, Govert
7 Van Rompaey, Luc
9 <120> TITLE OF INVENTION: Adenoviral Library Assay for Adipogenesis Genes and Method
10 and Compositions for Screening Compounds
12 <130> FILE REFERENCE: 25482 USA
C--> 14 <140> CURRENT APPLICATION NUMBER: US/10/074,668
C--> 15 <141> CURRENT FILING DATE: 2002-02-13
17 <150> PRIOR APPLICATION NUMBER: US 10/036,949
18 <151> PRIOR FILING DATE: 2001-12-21
20 <150> PRIOR APPLICATION NUMBER: US 09/358,036
21 <151> PRIOR FILING DATE: 1999-07-21
23 <150> PRIOR APPLICATION NUMBER: US 09/097,239
24 <151> PRIOR FILING DATE: 1995-07-25
26 <160> NUMBER OF SEQ ID NOS: 20
28 <170> SOFTWARE: PatentIn Ver. 2.0
30 <210> SEQ ID NO: 1
31 <211> LENGTH: 21
32 <212> TYPE: DNA
33 <213> ORGANISM: Artificial Sequence
35 <220> FEATURE:
36 <223> OTHER INFORMATION: Description of Artificial Sequence:primer
38 <400> SEQUENCE: 1
39 cgtgtagtgt atttataccc g 21
41 <210> SEQ ID NO: 2
42 <211> LENGTH: 21
43 <212> TYPE: DNA
44 <213> ORGANISM: Artificial Sequence
46 <220> FEATURE:
47 <223> OTHER INFORMATION: Description of Artificial Sequence:primer
49 <400> SEQUENCE: 2
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53 <211> LENGTH: 21
54 <212> TYPE: DNA
55 <213> ORGANISM: Artificial Sequence
57 <220> FEATURE:
58 <223> OTHER INFORMATION: Description of Artificial Sequence:primer
60 <400> SEQUENCE: 3
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63 <210> SEQ ID NO: 4

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64 <211> LENGTH: 21
65 <212> TYPE: DNA
66 <213> ORGANISM: Artificial Sequence
68 <220> FEATURE:
69 <223> OTHER INFORMATION: Description of Artificial Sequence:primer
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75 <211> LENGTH: 20
76 <212> TYPE: DNA
77 <213> ORGANISM: Artificial Sequence
79 <220> FEATURE:
80 <223> OTHER INFORMATION: Description of Artificial Sequence:primer
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83 gcttgagccc gagacatgtc                                20
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86 <211> LENGTH: 24
87 <212> TYPE: DNA
88 <213> ORGANISM: Artificial Sequence
90 <220> FEATURE:
91 <223> OTHER INFORMATION: Description of Artificial Sequence:primer
93 <400> SEQUENCE: 6
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96 <210> SEQ ID NO: 7
97 <211> LENGTH: 27
98 <212> TYPE: DNA
99 <213> ORGANISM: Artificial Sequence
101 <220> FEATURE:
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113 <223> OTHER INFORMATION: Description of Artificial Sequence:primer
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120 <212> TYPE: DNA
121 <213> ORGANISM: Artificial Sequence
123 <220> FEATURE:
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129 <210> SEQ ID NO: 10
130 <211> LENGTH: 24

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134 <220> FEATURE:
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142 <212> TYPE: DNA
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146 <223> OTHER INFORMATION: Description of Artificial Sequence:primer
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154 <212> TYPE: DNA
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157 <220> FEATURE:
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165 <211> LENGTH: 36
166 <212> TYPE: DNA
167 <213> ORGANISM: Artificial Sequence
169 <220> FEATURE:
170 <223> OTHER INFORMATION: Description of Artificial Sequence:artificial primer
171     with BamHi site
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177 <211> LENGTH: 1215
178 <212> TYPE: DNA
179 <213> ORGANISM: Human
181 <220> FEATURE:
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185 attagcattc catcaatttt atatctagca tatttgcggt tagaatcca tggatgtttc    120
186 ttctttgact ataacaaat ctggggagga caaaggatgat tttcctgtgt ccacatctaa    180
187 caaagtcaag attcccggct ggacttttgc agcttccttc caagtcttcc tgaccacctt    240
188 gcactatttg actttggaag gaggtgccta tagaaaacga ttttgaacat acttcatgcg    300
189 agtggactgt gtccctcggt gcagaaacta ccagatttga gggacgaggt caaggagata    360
190 tgataggccc ggaagtgtgt gtgccccatc agcagcttga cgcgtggtca caggacgatt    420
191 tcaactgacac tgcgaactct caggactacc gttaccaaga ggttaggtga agtgggttaa    480
192 accaaacgga actcttcctc ttaaactaca cgttgaaaat caaccaata attctgtatt    540
193 aactgaattc tgaacctttc aggaggtact gtgaggaaga gcaggcacca gcagcagaat    600
194 ggggaatgga gaggtgggca ggggttccag cttcccttgc attttttgct gcagactcat    660

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195 ccttttttaaa tgagacttgt tttccctct ctttgagtca agtcaaatat gtagattgcc 720
196 tttggcaatt cttcttctca agcactgaca ctcattaccg tctgtgattg ccatttcttc 780
197 ccaaggccag tctgaacctg aggttgcttt atcctaaaag ttttaacctc aggttccaaa 840
198 ttcagtaaat tttggaacaa gtacagctat ttctcatcaa ttctctatca tgttgaagtc 900
199 aaatttggat tttccaccaa attctgaatt tgtagacata cttgtacgct cacttgcccc 960
200 agatgcctcc tctgtcctca ttcttctctc ccacacaagc agtctttttc tacagccagt 1020
201 aaggcagctc tgtcgtggta gcagatggtc ccattattct agggctttac tctttgtatg 1080
202 atgaaaagaa tgtgttatga atcgggtgctg tcagccctgc tgtcagacct tcttccacag 1140
203 caaatgagat gtagtcccaa agacggtaga attaaagaag agtaaaatgg ctgttgaagc 1200
204 aaaaaaaaaa aaaaa 1215
206 <210> SEQ ID NO: 15
207 <211> LENGTH: 219
208 <212> TYPE: PRT
209 <213> ORGANISM: Human
211 <220> FEATURE:
213 <400> SEQUENCE: 15
214 Met Glu Tyr Leu Ser Ala Leu Asn Pro Ser Asp Leu Leu Arg Ser
215 5 10 15
217 Val Ser Asn Ile Ser Ser Glu Phe Gly Arg Arg Val Trp Thr Ser
218 20 25 30
220 Ala Pro Pro Pro Gln Arg Pro Phe Arg Val Cys Asp His Lys Arg
221 35 40 45
223 Thr Ile Arg Lys Gly Leu Thr Ala Ala Thr Arg Gln Glu Leu Leu
224 50 55 60
226 Ala Lys Ala Leu Glu Thr Leu Leu Leu Asn Gly Val Leu Thr Leu
227 65 70 75
229 Val Leu Glu Glu Asp Gly Thr Ala Val Asp Ser Glu Asp Phe Phe
230 80 85 90
232 Gln Leu Leu Glu Asp Asp Thr Cys Leu Met Val Leu Gln Ser Gly
233 95 100 105
235 Gln Ser Trp Ser Pro Thr Arg Ser Gly Val Leu Ser Tyr Gly Leu
236 110 115 120
238 Gly Arg Glu Arg Pro Lys His Ser Lys Asp Ile Ala Arg Phe Thr
239 125 130 135
241 Phe Asp Val Tyr Lys Gln Asn Pro Arg Asp Leu Phe Gly Ser Leu
242 140 145 150
244 Asn Val Lys Ala Thr Phe Tyr Gly Leu Tyr Ser Met Ser Cys Asp
245 155 160 165
247 Phe Gln Gly Leu Gly Pro Lys Lys Val Leu Arg Glu Leu Leu Arg
248 170 175 180
250 Trp Thr Ser Thr Leu Leu Gln Gly Leu Gly His Met Leu Leu Gly
251 185 190 195
253 Ile Ser Ser Thr Leu Arg His Ala Val Glu Gly Ala Glu Gln Tyr
254 200 205 210
256 Gln Gln Lys Gly Arg Leu His Ser Tyr
257 215
259 <210> SEQ ID NO: 16
260 <211> LENGTH: 2237
262 <212> TYPE: DNA

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263 <213> ORGANISM: Human

265 <220> FEATURE:

267 <400> SEQUENCE: 16

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269 ccgaaggcaa gcacgatggc gctcaccagc cggcccaccc gcgcccctg ccgcccggag      120
270 cccagcgagg cgcccgcagc cegtgcagc gtcacgtgt agcagccgag catcagcccg      180
271 aaaggaagca cgaaagcggt ggcggtagac ggcgccggg acggcgagca acagggcggc      240
272 cagccagacc gccagcagca ggcgcgggc cagggcggg ctgctgcagc gaggcgccag      300
273 gaagggggcg gtgactgcga ggcagcgctg caggctgagc aggcgggtga gcagcacgt      360
274 gggtacatg ctgagcgcg acacgtagta caccgccttg cagcccgcct ggcccagcg      420
275 ccaggcctgc cgggtcagga aggccacaaa gagcgcgctg agcagcagca ccgcgcccgc      480
276 ggccagcgcc aggtgcagca caagcgtggc cgccagcggt cggcccctg caggccgcca      540
277 gcccgccaag ctccacacca cgaagccgtt gccaggcagc cccagcagcg ccgccagcag      600
278 caggaaggct gtgcctgtgg ccgcggaagt cttccagctc agcagtgtct cgttccctgg      660
279 gggacggtag cagaccgaca tccttctggg cctacaggac acagaaaaaa agtggggaag      720
280 ctgggggacc cctacaagga tccttggcag gaaagcaggg attgtgttca tttgagggtt      780
281 tcaactgtcag tgagagtctc agcttccatg caactgtcca tcacggctgc aactgaaatc      840
282 agagctggga cacagcgcac cagaagctaa agtcttgatg ccatcaaagg acatccctgc      900
283 cccattcaca tctctgtcac gtccactaat cggcaaaagg agaaaagtga gagaagatga      960
284 cctaagtgtg actgcagcag gcagctctgg aaaatgaagc cagagcagtg agccagcccc      1020
285 tctccgacc aaggaggaa gaaagagcag cccagcaca ggagagaacc acccagccca      1080
286 gaagttccag ggaaggaaact ctccggtcca ccatggagta cctctcagct ctgaacccca      1140
287 gtgacttaact caggtcagta tctaataata gctcggagtt tggacggagg gtctggacct      1200
288 cagctccacc accccagcga cctttccgtg tctgtgatca caagcggacc atccggaaag      1260
289 gcctgacagc tgccaccgcg caggagctgc tagccaaagc attggagacc ctactgtgta      1320
290 atggagtgtc aacctgggtg cttagaggag atggaactgc agtggacagt gaggacttct      1380
291 tccagctgct ggaggatgac acgtgcctga tgggtgttga gtctggtcag agctggagcc      1440
292 ctacaaggag tggagtgtc tcatatggcc tgggacggga gaggcccaag cacagcaagg      1500
293 acatcgcccg attcaccttt gacgtgtaca agcaaaaccc tcgagacctc tttggcagcc      1560
294 tgaatgtcaa agccacattc tacgggctct actctatgag ttgtgacttt caaggacttg      1620
295 gcccaaagaa agtactcagg gagctccttc gttggacctc cacactgctg caaggcctgg      1680
296 gccatatgtt gctgggaatt tcctccaccc ttcgtcatgc agtggagggg gctgagcagt      1740
297 ggcagcagaa gggcgcgctc cattcctact aaggggctct gagcttctgc cccagaatc      1800
298 attccaaccg acccaactgca aagactatga cagcatcaaa tttcaggacc tgcagacagt      1860
299 acaggctaga taaccacccc aatttcccca ctgtcctctg atcccctcgt gacagaacct      1920
300 ttcagcataa cgctcacat cccaagtcta tacccttacc tgaagaatgc tgttctttcc      1980
301 tagccacctt tctagcctcc cacttgccct gaaaggccaa gatcaagatg tccccaggc      2040
302 atcttgatcc agcctgact gctgctacat ctaatccctt accaatgcct cctgtcccta      2100
303 aactccccag catactgatg acagccctct ctgactttac cttgagatct gtcttcatac      2160
304 ccttcccctc aaactaacia aaacatttcc aataaaaaata tcaaatattt aaaaaaaaaa      2220
305 aaaaaaaggg cgccgcg                                     2237

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308 <211> LENGTH: 183

309 <212> TYPE: DNA

310 <213> ORGANISM: Human

312 <220> FEATURE:

314 <400> SEQUENCE: 17

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316 ggcgtcacc agccggccca ccgcgcccc gtgcccggcg gagccccagc gggcgccccg      120

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VERIFICATION SUMMARY

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L:14 M:270 C: Current Application Number differs, Replaced Application Number

L:15 M:271 C: Current Filing Date differs, Replaced Current Filing Date